

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

MAR 11 2009

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/562,374
Filing Date	December 23, 2005
First Named Inventor	Calvin B. Harley
Art Unit	1623
Confirmation No.	7952
Examiner Name	PESELEV, Elli
Attorney Docket Number	38797-8004.US00 (510/002)

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number-Kind-Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear
/E.P./	1.	US-2002/0164387 A1	11-07-2002	Wei et al.	
/E.P./	2.	US-2002/0182272 A1	12-05-2002	Halstead	
/E.P./	3.	US-2003/0108629 A1	07-12-2003	Chou	
/E.P./	4.	US-2007/0042962 A1	02-22-2007	Adams	
/E.P./	5.	US-2007/0122501 A1	05-31-2007	Harley et al.	
/E.P./	6.	US-2007/0154435 A1	07-05-2007	Harley	
/E.P./	7.	US-5,629,154	05-13-1997	Kim et al.	
/E.P./	8.	US-5,663,160	09-02-1997	Meybeck et al.	
/E.P./	9.	US-5,785,977	07-28-1998	Breitbarth	
/E.P./	10.	US-5,786,343	07-28-1998	Ber	
/E.P./	11.	US-5,916,565	06-29-1999	Rose et al.	
/E.P./	12.	US-6,153,208	11-28-2000	McAtee et al.	
/E.P./	13.	US-6,162,459	12-19-2000	Hu et al.	
/E.P./	14.	US-6,855,344 B2	02-15-2005	Chou	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind-Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear	T
/E.P./	15.	CN 1079265 C	02-20-2002	Pei (Abstract Only)		Abs
/E.P./	16.	CN 1383853 A	12-11-2002	Zheng (English Abstract)		Abs
/E.P./	17.	JP 62-012791	01-21-1987	Osaka Yakuhin Kenkyusho KK (English Abstract)		Abs
/E.P./	18.	WO 02/091999 A2	11-21-2002	Geron Corporation		
/E.P./	19.	WO 05/000248 A2	01-06-2005	Geron Corporation		
/E.P./	20.	WO 05/044179 A2	05-19-2005	Hong Kong University of Science and Technology		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Trans
/E.P./	21.	"Astragalus" www.drugs.com/npp/astragalus.html, 5 pages (Oct. 20, 2008).	

Examiner Signature	/Elli Pesellev/	Date Considered	04/23/2009
--------------------	-----------------	-----------------	------------

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/562,374
Filing Date	December 23, 2005
First Named Inventor	Calvin B. Harley
Art Unit	1623
Confirmation No.	7952
Examiner Name	PESELEV, Eli
Attorney Docket Number	38797-8004.US00 (510/002)

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Trans
/E.P./	22.	BEDIR, E. et al., "Cycloartane triterpene glycosides from the roots of <i>Astragalus brachypterus</i> and <i>Astragalus microcephalus</i> ," <i>J. Nat. Prod.</i> , 61:1469-72 (1998).	
/E.P./	23.	CHU, D-T. et al., "Fractionated extract of <i>Astragalus membranaceus</i> , a Chinese medicinal herb, potentiates lak cell cytotoxicity generated by a low dose of recombinant interleukin-2," <i>J. Clin. Lab. Immunol.</i> , 26:183-7 (1988).	
/E.P./	24.	CHU, D-T. et al., "Immunotherapy with Chinese medicinal herbs. II Reversal of cyclophosphamide-induced immune suppression by administration of fractionated <i>Astragalus membranaceus</i> in vivo," <i>J. Clin. Lab. Immunol.</i> , 25:125-9 (1988).	
/E.P./	25.	IONKOVA, I., "Astragalus species (Milk Vetch): in Vitro culture and the production of saponins, astragaline, and other biologically active compounds," <i>Biotechnology in Agriculture and Forestry, Vol. 33. Medicinal and Aromatic Plants VIII</i> , Y. Bajaj, Ed., Springer Verlag, Berlin, pp. 97-138 (1995).	
/E.P./	26.	JUNTAO, L. et al., "Effect of retinoic acid and ginseng on the telomerase activity in the liver cancer cell," <i>J. Trop. Med.</i> , 2(1):39-40 (2002) (English Abstract).	√
/E.P./	27.	XIAO, H. et al., "Total analytical method for Radix astragal extract using two-binary multi-segment gradient elution liquid chromatography," <i>J. Sep. Sci.</i> , 24:186-96 (2001).	
/E.P./	28.	ZHAO, K. et al., "Enhancement of the immune response in mice by <i>Astragalus membranaceus</i> extracts," <i>Immunopharmacology</i> , 20:225-34 (1990).	
/E.P./	29.	ZHENG, Z. et al., "Studies on chemical constituents and immunological function activity of hairy root of <i>Astragalus membranaceus</i> ," <i>Chinese Journal of Biotechnology</i> , 14(2):L93-7 (1998).	

Examiner
Signature

/Eli Pesellev/

Date

Considered

04/23/2009